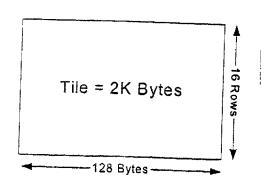


FIG. 2(a)



212

FIG. 2(b)

QW QW<	-		0.00	A144	0144	6144	6111	COVAL.	C.111	000						- A14
QW QW<		QW				1		1		,				,	1	QW
16 17 16 19 20 21 22 23 24 25 26 27 28 29 30 31		1														
		1	1 1	1	i i		}	1		1				1		1
• • •	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	QW	1 QW	QW	QW	QW	raw	aw	· · ·	aw	aw	QW	QW	QW	QW	aw	Q

FIG. 3

-			16 QWord Columns	
Q	v o	QW 16		QW 240
01	V 1	QW 17		QW 24
Q	V 2	QW 18		QW 24
a	V 3	QW 19		QW 24
a	N 4	QW 20		QW 24
a'	N 5	QW 21		QW 24
a	N 6	QW 22		QW 24
a'	N 7	QW 23		QW 24
a	N 8	QW 24		QW 24
a	W 9	QW 25		QW 24
av	V 10	QW 25		QW 25
av	V 11	QW 27		QW 25
01	V 12	QW 28		QW 25
ai	V 13	QW 29		QW 25
a	V 14	QW 30		QW 25
a	N 15	QW 31		QW 2

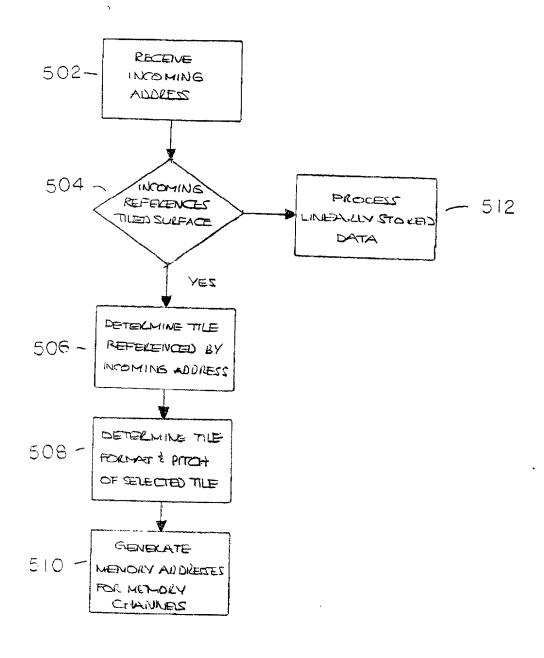
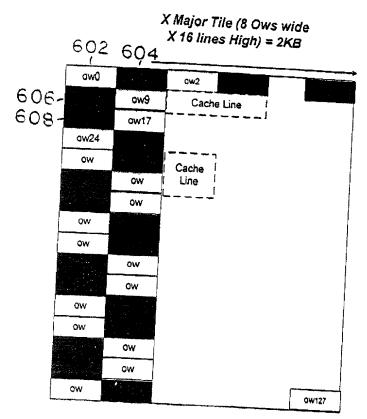


FIG. 5



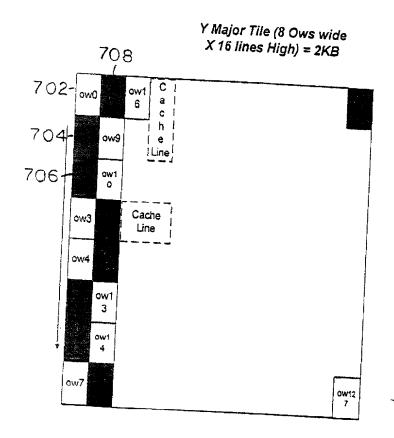


FIG. 7

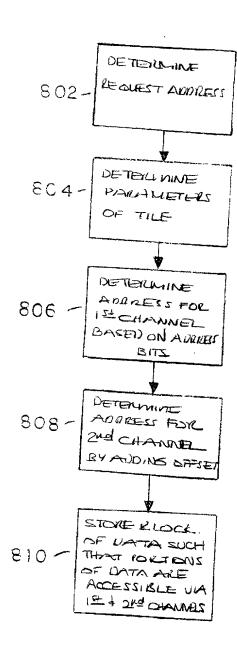


FIG. 8

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [8] == '0' AND Tiled Addr [7] =='0') OR

(Tiled Addr [8] == '1' AND Tiled Addr [7] =='1'):

Channel 0: Request Address

Channel 1: Request Address + 16B

if (Tiled Addr [8] == '0' AND Tiled Addr [7] =='1') OR

(Tiled Addr [8] == '1' AND Tiled Addr [7] =='0'):

Channel 0: Request Address + 16B

Channel 1: Request Address

FIG. 9

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [4] == '0' AND Tiled Addr [8] =='0') OR (Tiled Addr [4] == '1' AND Tiled Addr [8] =='1'):

Channel 0: Request Address

Channel 1: Request Address + 128B

If (Tiled Addr [4] == '0' AND Tiled Addr [8] =='1') OR (Tiled Addr [4] == '1' AND Tiled Addr [8] =='0'):

Channel 0: Request Address + 128B

Channel 1: Request Address

```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [4] == '0' AND Tiled Addr [7] =='0') OR (Tiled Addr [4] == '1' AND Tiled Addr [7] =='1'):

Channel 0: Request Address

Channel 1: Request Address + 256B

If (Tiled Addr [4] == '0' AND Tiled Addr [7] =='1') OR (Tiled Addr [4] == '1' AND Tiled Addr [7] =='0'):

Channel 0: Request Address + 2568

Channel 1: Request Address

FIG. 11

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='1'):

Channel 0: Request Address,

Qword (Tiled Addr [3]) = Qword 0 of Source Qword :(Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address + 128B,

Qword (Tited Addr [3]) = Qword 1 of Source Qword (Tited Addr [3]) = Not Used/Updated.

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

Channel 0: Request Address + 128B,

Qword (Tiled Addr [3]) = Qword 1 of Source

Qword (Tiled Addr [3]) = Not Used/Updated.

Channel 1: Request Address,

```
Request Address (31:5) = Translated Tiled Address (31:5)
```

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='0') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='1'):

Channel 0: Request Address
Channel 1: Request Address + 128B

If (Tiled Addr [5] == '0' AND Tiled Addr [4] =='1') OR (Tiled Addr [5] == '1' AND Tiled Addr [4] =='0'):

Channel 0: Request Address + 128B Channel 1: Request Address

FIG. 13

Request Address (31:5) = Translated Tiled Address (31:5)

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='0') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='1'):

Channel 0: Request Address
Channel 1: Request Address + 16B

If (Tiled Addr [7] == '0' AND Tiled Addr [5] =='1') OR (Tiled Addr [7] == '1' AND Tiled Addr [5] =='0'):

Channel 0: Request Address + 16B Channel 1: Request Address